



For Immediate Release

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PurityPlus[®] Specialty Gases Introduces PurityPlus Helium 7.0 With Seven-Nines Purity

Indianapolis, IN - 02/20/2010 - PurityPlus Specialty Gases is pleased to introduce PurityPlus Helium 7.0, a specialty gas with an analyzed purity of 99.99999%. PurityPlus is the first to offer helium at this purity level of **less than 100 ppb total impurities!**

One important use of helium is as a carrier gas in gas chromatography. A test compound is injected into the carrier gas stream and moved through a stationary column to determine the test compound concentrations. The impurities in the helium carrier gas elute from the GC column along with the sample compounds, resulting in higher noise and lower levels of confidence in the test results. With impurity levels below 100 ppb, the use of PurityPlus Helium 7.0 as the carrier gas will give users a higher level of confidence in their analytical results. The GC Limit of Detection (LoD), sensitivity and range may also be significantly improved with PurityPlus Helium 7.0.

"We utilize PurityPlus Helium 7.0 in our gas chromatographs, so we know we are providing the highest levels of reliability in our analyses. We are confident that any peaks that appear in our analyses are those of the product being sampled," notes Ed Gamon, lab manager for Encompass Medical and Specialty Gas, a PurityPlus Specialty Gas lab in Rockford, Illinois.

Using on a helium cryogenic purifier designed by Precision Specialty Gas Products, a Weldcoa/Asterisk partnership, the production process takes advantage of the various boiling points of the normal impurities in gaseous helium to trap and remove those impurities to levels of less than 100 ppb combined.

With less than 100 ppb total impurities, PurityPlus Helium 7.0 has the highest level of purity of any gaseous helium source in the marketplace. The product is available exclusively from any of the PurityPlus Specialty Gas laboratories throughout North America. See the PurityPlus website (www.purityplusgas.com) for more details.

PurityPlus Specialty Gases are offered exclusively by approved laboratories of Member companies of the IWDC. The IWDC is a cooperative owned by 147 independent distributors of high-quality specialty and industrial gases, as well as welding supplies, located throughout North America.

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